

PDR RID Report

Date Last Modified 7/6/95

Originator Sol Broder

Organization

E Mail Address

Document IR-1 DAAC LANS

Phone No

RID ID PDR 216

Review CSMS

Originator Ref

Priority 2

Section

Page

Figure Table MA 7; EJ1-5,6,7

Category Name Design-ISS

Actionee HAIS

Sub Category

Subject Dial-up access availability

Description of Problem or Suggestion:

PPP/twisted pair is shown but no dial up is shown. (PPP implies dial-up access?)

Originator's Recommendation

Clarify dial-up access availability in this time frame.

GSFC Response by:

GSFC Response Date

HAIS Response by: Forman

HAIS Schedule 2/28/95

HAIS R. E.

HAIS Response Date 6/28/95

Although PPP can be used for dial-up access, it can also be used to provide necessary support for the transmission of packets over serial point-to-point links (e.g., T1, T3). Specifically, PPP provides a method for network layer protocol encapsulation over serial links. If the routers are provided by a single vendor, one can use the vendor's proprietary protocol (which is usually some variation of HDLC). However, if routers from different vendors have to be connected, a standardized protocol such as PPP is required. So in configuring a router, one can choose one of several encapsulation schemes per serial line interface (e.g. HDLC, PPP, various types for X.25 networks such as lapb).

For questions regarding dial-up service availability please refer to RID350.

Status **Closed**

Date Closed **7/6/95**

Sponsor **desJardins**

***** Attachment if any *****